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In the claims:

Please cancel the one standing claim, and add the following claims for examination:

1. Cancelled

2. (Previously Added) An Internet call-waiting system, comprising:

a service system connecting a user's Internet appliance to the Internet on a telephone line; and

software executing at the service system for providing a call-waiting service;

wherein, in response to an indication at the service system of a call for the user on the same line, said service system generates an alert to the user's Internet appliance of the arriving call.

3. (Previously Added) The system of claim 2 wherein the Internet appliance is a personal computer.

4. (Previously Added) The system of claim 2 wherein the service system is a public branch exchange (PBX).

5. (Previously Added) The system of claim 2 wherein the software includes a mechanism for responding to a disconnect by the user by causing the incoming call to be connected to the user via the telephone line.

6. (Previously Added) A method for alerting a user having an Internet appliance

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connected to the Internet via a telephone line to a service system , the service system in-turn having a connection to the Internet network, of an incoming telephone call on the same telephone line, comprising the steps of:

(a) providing call-waiting software executable on the service system for providing an alert to the user's Internet appliance;

(b) upon indication of a call for the user on the same line, through execution of the software at the service system, generating an alert to the user's Internet appliance indicating the call waiting.

7. (Previously Added) The method of claim 6 wherein the Internet appliance is a personal computer.

8. (Previously Added) The method of claim 6 wherein the service system is a public branch exchange (PBX).

9. (Previously Added) The method of claim 6 further comprising a step for connecting the incoming call on the telephone line upon indication of the user disconnecting from the Internet.

10. (Currently Added) An Internet call-waiting system, comprising:

a service system connecting a user's Internet appliance to the Internet; and

software executing at the service system for providing a call-waiting service;

wherein, in response to an indication at the service system of a call for the user, said service system generates an alert to the user's Internet appliance of the arriving call.

11. (Currently Added) The system of claim 10 wherein the Internet appliance is a

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personal computer.

12. (Currently Added) The system of claim 10 wherein the service system is a public branch exchange (PBX).

13. (Currently Added) The system of claim 10 wherein the software includes a mechanism for responding to a disconnect by the user by causing the incoming call to be connected to the user via a telephone line.

14. (Currently Added) A method for alerting a user having an Internet appliance connected to a service system in the Internet network, of an incoming telephone call, comprising the steps of:

(a) providing call-waiting software executable on the service system for providing an alert to the user's Internet appliance;

(b) upon indication of a call for the user, through execution of the software at the service system, generating an alert to the user's Internet appliance indicating the call arriving.

15. (Currently Added) The method of claim 14 wherein the Internet appliance is a personal computer.

16. (Currently Added) The method of claim 14 wherein the service system is a public branch exchange (PBX).

17. (Currently Added) The method of claim 14 further comprising a step for connecting the incoming call on a telephone line upon indication of the user disconnecting from the Internet.